

Converting Colors

YUV(44.5900, 8.5831, 0.3596)

Have a look what the booklet for
YUV(44.5900, 8.5831, 0.3596)
contains.

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Color

**YUV(44.5900, 8.5831,
0.3596)**

Conversions

Conversions Part 1

Format	Color
Hex	2D293E
RGB	45, 41, 62
RGB Percent	18%, 16%, 24%
CMY	0.8235, 0.8392, 0.7569
CMYK	0.27, 0.34, 0.00, 0.76
HSL	251°, 20%, 20%
HSV	251°, 34%, 24%
XYZ	2.7446, 2.4916, 4.8937
YIQ	44.5900, -4.3570, 7.3790

Conversions

Conversions Part 2

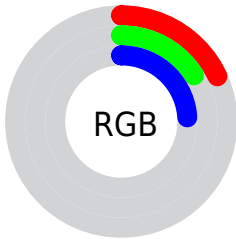
Format	Color
RYB	45, 41, 62
Decimal	2959678
CIELab	17.88, 7.36, -12.69
CIELCh	18, 14.674, 300.109
Yxy	2.4916, 0.2709, 0.2460
Android (android.graphics.Color)	4281149758 (0xFF2D293E)
YUV	44.5900, 8.5831, 0.3596
Hunter-Lab	15.7847, 3.4142, -7.3323

Details

The YUV color **44.5900, 8.5831, 0.3596** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **58.4100, -8.5831, -0.3596**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.2310, 9.7461, 0.6744**, and **2.7530, 8.0098, -2.4144** is the 20% darker color. If you saturate the color by 10%, you get **39.5730, 11.0565, 0.3745**, and if you desaturate by 10%, it is **49.6070, 6.1097, 0.3447**.

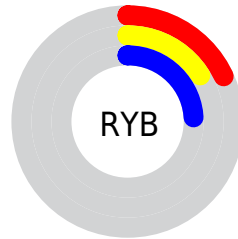
Distribution



 Red (18%)

 Green (16%)

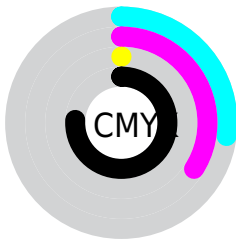
 Blue (24%)




 Red (18%)

 Yellow (16%)

 Blue (24%)

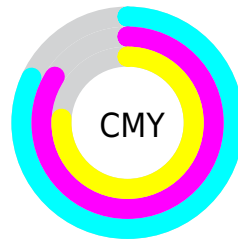


 Cyan (27%)

 Magenta (34%)

 Yellow (0%)

 Black (76%)



 Cyan (82%)

 Magenta (84%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.5900, 8.5831, 0.3596 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 44.5900, 8.5831, 0.3596 by changing the saturation by 10% instead.

■ 44.5900, 8.5831,
0.3596

■ 44.5900, 8.5831,
0.3596

■ 255.0000, 0.0000,
0.0000

■ 24.0630, 7.8569,
-0.0553

■ 90.2310, 9.7461,
0.6744

■ 2.7530, 8.0098,
-2.4144

■ 114.6440, 10.0355,
1.1892

■ 0.0000, 0.0000,
0.0000

■ 140.6440, 10.0355,
1.1892

■ 166.7580, 10.4723,
1.0892

■ 193.8720, 10.9091,
0.9893

■ 221.8720, 10.9091,

0.9893

248.2330, 3.3361,
3.3037

44.5900, 8.5831,
0.3596

44.5900, 8.5831,
0.3596

39.5730, 11.0565,
0.3745

49.6070, 6.1097,
0.3447

34.5560, 13.5299,
0.3894

54.6240, 3.6364,
0.3298

28.9520, 16.2927,
0.9191

60.2280, 0.8736,
-0.2000

23.9350, 18.7660,
0.9340

65.2450, -1.5998,
-0.2149

18.9180, 21.2394,
0.9489

70.2620, -4.0732,
-0.2298

■ 13.9010, 23.7128,
0.9638

■ 75.2790, -6.5465,
-0.2447

■ 10.6560, 25.3126,
1.1787

■ 80.2960, -9.0199,
-0.2596

■ 85.9000, -11.7827,
-0.7893

■ 90.9170, -14.2561,
-0.8042

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.4960, 11.0945, -11.8360



44.5900, 8.5831, 0.3596



44.9180, 4.4774, 10.5959

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.5900, 8.5831, 0.3596



43.4980, -8.6265, 13.5953



37.5520, 2.6859, -21.5321

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.5900, 8.5831, 0.3596



58.4100, -8.5831, -0.3596

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.0110, -3.4564, -11.4106



44.5900, 8.5831, 0.3596



42.9980, -10.3520, 7.0178

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.5900, 8.5831, 0.3596



44.1440, -5.0010, 17.4137



41.8120, -8.2883, -1.5891



35.8160, 8.9647, -28.7796

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.5900, 8.5831, 0.3596



45.1420, 1.4090, 14.7845



41.8120, -8.2883, -1.5891



38.7050, 0.6384, -18.1583

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.5900, 8.5831, 0.3596



74.6240, 3.6364, 0.3298



53.3730, 4.2531, -10.8511



36.8690, 2.0366, 0.1149



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.5900, 8.5831, 0.3596



53.9690, 13.8193, 0.9042



47.5800, 7.1091, 6.5073



28.3420, 1.3104, -0.2999



16.0980, 38.4057, 1.6681



37.8660, 90.7781, 3.6255

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.2170, 4.3300, 11.2107



61.2440, 6.7817, 18.2030



55.4200, -7.1091, -6.5073



29.1250, 0.4314, 1.6444



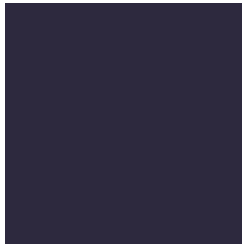
36.7700, 19.3404, 50.1907



86.8980, 45.8993, 118.4845

Previews

White Background



This preview shows how the YUV color 44.5900, 8.5831, 0.3596 looks on a white background.

Color Contrast Check

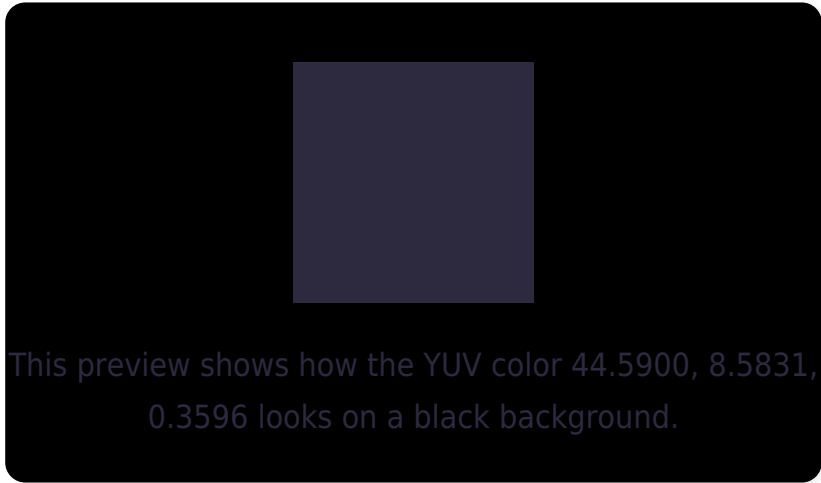
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

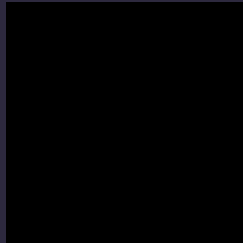
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 44.5900, 8.5831, 0.3596

Background



This preview shows how black text looks on a background with the YUV color 44.5900, 8.5831, 0.3596.



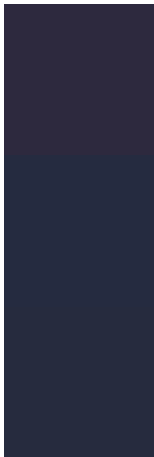
This preview shows how white text looks on a background with the YUV color 44.5900, 8.5831,

0.3596.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.5900, 8.5831, 0.3596

Protanopia

43.6000, 10.0572, -5.7882

Deuteranopia

43.6710, 9.0362, -4.9735



Tritanopia

43.7440, 1.6052, -1.5295

Trichromacy



Original Color

44.5900, 8.5831, 0.3596

Protanomaly

43.7960, 9.4676, -3.3291

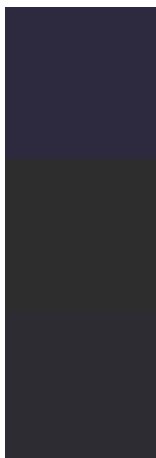
Deuteranomaly

43.9810, 8.8834, -2.6143

Tritanomaly

44.0260, 3.9312, -0.8998

Monochromacy



Original Color

44.5900, 8.5831, 0.3596

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0970, 2.9102, -0.0851

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.5900, 8.5831, 0.3596 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(45, 41, 62)` looks like.

```
.text, #text, p{  
    color:rgb(45, 41, 62)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(45, 41, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 41, 62) }
```

Border

The CSS property to change the border of an element to YUV 44.5900, 8.5831, 0.3596 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(45, 41, 62) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(45, 41, 62) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(45, 41, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 41, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 41, 62);  
box-shadow:4px 4px 4px 4px rgb(45, 41, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.5900, 8.5831, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 41, 62) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(45, 41,  
62) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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